

# INTERNATIONAL SEARCH REPORT

Int: onal Application No  
PC.. US2004/022232

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K33/00 A61P9/08 A61P9/10 A61P9/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, EMBASE, MEDLINE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 95/12394 A (US HEALTH ; UNIV LOUISIANA STATE (US)) 11 May 1995 (1995-05-11) claims 1,10,14-17	1-3,5,6, 13-15
X	LEFER D J: "MYOCARDIAL PROTECTIVE ACTIONS OF NITRIC OXIDE DONORS AFTER MYOCARDIAL ISCHEMIA AND REPERFUSION" NEW HORIZONS, WILLIAMS AND WILKINS, BALTIMORE, MD, US, vol. 3, no. 1, 1 February 1995 (1995-02-01), pages 105-112, XP000575669 ISSN: 1063-7389 the whole document	1-3, 13-15

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

23 December 2004

Date of mailing of the international search report

25/01/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Siatou, E

# INTERNATIONAL SEARCH REPORT

Int lonal Application No  
PCT/US2004/022232

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GUO J-P ET AL: "ENDOTHELIAL PRESERVING ACTIONS OF A NITRIC OXIDE DONOR IN CAROTID ARTERIAL INTIMAL INJURY" METHODS AND FINDINGS IN EXPERIMENTAL AND CLINICAL PHARMACOLOGY, PROUS, BARCELONA, ES, vol. 16, no. 5, June 1994 (1994-06), pages 347-354, XP002064814 ISSN: 0379-0355 the whole document	1-15
X	WO 01/89572 A (BALABAN ALEXANDRU T ; GARFIELD ROBERT E (US); STEWART RANDALL J (US);) 29 November 2001 (2001-11-29) page 14, line 15 - line 23 page 12, line 20 - page 13, line 11 page 3, line 5 - line 26 claims 1-35	1,5,6, 13-15
X	WO 02/17898 A (SACKS MEIR S) 7 March 2002 (2002-03-07) page 8, line 16 - line 31 claims 1-20	1-15
A	WO 94/22499 A (BRIGHAM & WOMENS HOSPITAL) 13 October 1994 (1994-10-13) claims 1-12 page 7, line 9 - line 25	1-15
A	A. FOX-ROBICHAUD ET AL: "Inhaled NO as a Viable Antiadhesive Therapy for Ischemia/reperfusion Injury of Distal Microvascular Beds" THE JOURNAL OF CLINICAL INVESTIGATION, vol. 101, no. 11, June 1998 (1998-06), pages 2497-2505, XP002302033 cited in the application abstract	1-15

# INTERNATIONAL SEARCH REPORT

national application No.  
PCT/US2004/022232

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
  
Although claims 1-15 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

In — lonal Application No  
PCT/US2004/022232

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9512394	A	11-05-1995	AT 192922 T	15-06-2000
			AU 704173 B2	15-04-1999
			AU 8130094 A	23-05-1995
			CA 2175467 A1	11-05-1995
			DE 69424560 D1	21-06-2000
			DE 69424560 T2	18-01-2001
			DK 726768 T3	02-10-2000
			EP 0726768 A1	21-08-1996
			ES 2149338 T3	01-11-2000
			GR 3034099 T3	30-11-2000
			JP 9508097 T	19-08-1997
			PT 726768 T	30-11-2000
			WO 9512394 A1	11-05-1995
			US 5789447 A	04-08-1998
WO 0189572	A	29-11-2001	US 6103275 A	15-08-2000
			WO 0189572 A1	29-11-2001
WO 0217898	A	07-03-2002	AU 8852301 A	13-03-2002
			WO 0217898 A2	07-03-2002
WO 9422499	A	13-10-1994	US 5427797 A	27-06-1995
			AU 690109 B2	23-04-1998
			AU 6496894 A	24-10-1994
			CA 2159915 A1	13-10-1994
			DE 69428351 D1	25-10-2001
			DE 69428351 T2	18-04-2002
			EP 0692984 A1	24-01-1996
			JP 9500609 T	21-01-1997
			WO 9422499 A1	13-10-1994